

Recombinant Human BMPR2 Protein

Catalog #	Source	Reactivity	Applications
CRP1126	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human BMPR2 Protein is produced by our mammalian expression system and the target gene encoding Ser27-Ile151 is expressed with a Fc, 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	BMPR2		
Alternative Names	PPH1; Bone morphogenetic protein receptor type-2; BMP type-2 receptor; BMPR-2; Bone morphogenetic protein receptor type II; BMP type II receptor; BMPR-II		
Entrez Gene	659 (Human)		
SwissProt	Q13873 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>SQNQERLCAF KDPYQQDLGI GESRISHENG TILCSKGSTC YGLWEKSKGD INLVKQGCWS HIGDPQECHY EECVVTTTPP SIQNGTYRFC CCSTDLCNVN FTENFPPPDT TPLSPPHSFN RDETIVDDIE GRMDEPKSCD KTHTCP PCA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNAKALPAP IEKTISKAKG QPREPVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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